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JPRS 9019

Sci - Med

Apr 61

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JPRS 9805

So1 - Med
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6 pp.

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JPRS 13607

SCI - MED
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JPRS 13646

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Jun 62

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JPRS 14830

SCI - MEDICINE

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JPRS 14396

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JPRS 15538

Sci - Med
Oct 62

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JPRS 15538

Sci - Med
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JPRS 17222

SCI - MED

JAN 63

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s-858/62

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RUSSIAN, per, Azmerbaydzhan Medit Zhur, No 10,
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JPRS 17222

Sci - Med
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JPRS ~~X~~ 17222

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JAN 63

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SCI-BIOL & MED SCI
DEC 63

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JPRS 24474

Sci - Biol & Med
May 64

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Factors Determining Compaction in Sedimentary Rocks, by E. A. Prozorovich, 15pp.
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Sci - Earth Sciences
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RUSSIAN, per, Azerbaidzhanskaya Nauchno-Issledovatel'
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Vol 6, 1957, pp 79-85.
BTC TT-63-27467

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Sci -
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*Dept of Navy NIC

Sci/Chem
Jan 69

Wishetrawsky, S.
THE FORMATION AND DESTRUCTION OF
PETROLEUM EMULSIONS. [1962] 49p. (figs.
omitted). 63-10704
Order from OTS or SLA \$4.60

Trans. of Azer[baidzhanskoe] Neft[yanoe]
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DESCRIPTORS: *Petroleum, *Colloids, Production,
Petroleum industry, Chemical engineering, Water,
Experimental data, Separation.

(Engineering--Chemical, TT, v. 9, no. 12)

63-10704

1. Wishetrawsky, S.

Office of Technical Services

Parkhomenko, V. and Minov, I. A.
REFINING OF LUBRICATING OILS WITH ACID
SLUDGE. [1961] [10]p. 8 refs.
Order from OTS or SLA \$1.10

61-18122

Trans. of Azerbaidzhanskoe Neftyanoe Khozyaistvo
(USSR) 1929, no. 10, p. 76-81.

DESCRIPTORS: *Oils, Scale, *Distilling plants,
*Lubrication.

(Unannounced)

61-18122

I. Parkhomenko, V.
II. Minov, I. A.

Office of Technical Services

63-10340

Kostrin, K.
WINKLER-KOCH CRACKING UNITS FOR PROCESSING
GAS OILS. [1962] [13]p. 12 refs.
Available on loan from SLA

63-10340

Trans. of Azerb[aidzhanskoe] Neft[yanoe] Khoz[yaistvo]
(USSR) 1930, v. 10, no. 2, p. 72-77.

DESCRIPTORS: *Petroleum, *Refineries, Design,
Operation, Gases, Oils.

(Engineering--Chemical, TT, v. 9, no. 6)

1. Title: Winkler-Koch
process
2. Title: Mazout
1. Kostrin, K.

Office of Technical Services

Gukhman, L. and Plotko, A.
A NEW SURAKHANY OIL. [1962] 5p.
Order from OTS or SLA \$1.10 63-10693

Trans. of Azerb[aidzhanskoe] Neft[yanoe]
Khoz[yaisivo] (USSR) 1930 [v. 10] no. 9, p. 102-103.

DESCRIPTORS: Oils, *Petroleum, Production, Dis-
tillation, Chemical analysis.

(Engineering--Chemical, TT, v. 9, no. 12)

63-10693

I. Gukhman, L.
II. Plotko, A.

Office of Technical Services

63-10448

Valgis, V.
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CIAL APPLICATION AND PROBLEMS. [1962] 9p.
Order from CTS or SLA \$1.10 63-10448

I. Valgis, V.

Trans. of Azerbaidzanskoe Neftyanoe Khozaystvo -
(USSR) 1930 [v. 10, no. 11] p. 4-15.

DESCRIPTORS: *Petroleum, *Hydrogenation, Chemical
engineering, Petroleum industry, Hydrogen.

(Engineering--Chemical, TT, v. 10, no. 8)

Office of Technical Services

Total of Petroleum Processing in 1931, by Ye.
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RUSSIAN, ^{1/} Azerbaydzhanskoye Neftyanoye Khozvastvo,
(The Azerbaydzhan Oil Economy) No 1, 1932, pp 104-106.

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1-3 Sep 1952

USSR

Economic - Petroleum, processing

Scientific - Fuel, petroleum, processing

Smirnov, P. and Buks, Z.
NAPHTHENIC ACIDS FROM GROZNY OILS. [1961]
8p. 11 refs.
Order from OTS or SLA \$1.10 61-18142

Condensed trans. of Azerbaidzhanskoe Neftyanoe
Khozyaistvo (USSR) 1932, no. 11, p. 60-67.

DESCRIPTORS: Petroleum, Naphthenic acids, Acids,
Separation, Processing.

(Unannounced)

61-18142

I. Smirnov, P.
II. Buks, Z.

Office of Technical Services

Zherdeva, I.
VASILINES FROM GROZNY PETROLATUM. 7p.
8 refs. MWL: 273.
Order from ODS or ETC \$1.55 61-17988

Trans. of Azerbaidzhanskoe Neftyanoe Khozaystvo
(USSR) 1932, v. 12, no. 12, p. 86-87.

DESCRIPTORS: Aliphatic compounds, Sulfuric acid,
Tests, *Mineral oils, *Purification.

61-17988

- I. Zherdeva, I.
- II. MWL: 273
- III. Stichting Moedijk
Twee onafh. Wetenschap-
pelige Literatuur

Office of Technical Services

Gol'dberg, D. and Shaverdova, E.
STABILITY OF NAPHTHENIC ACIDS IN THE PROC-
ESS OF DISTILLATION. [1961] 9p. 16 refs.
Order from OTS or SLA \$1.10 61-18144

Trans. of Azerbaidzhanskoe Neftyanoe Khozyaistvo
(USSR) 1933, no. 11/12, p. 122-128.

DESCRIPTORS: Petroleum, Naphthenic acids, Acids,
Fractionation, Stability.

(Unannounced)

61-18144

I. Gol'dberg, D.
II. Shaverdova, E.

Office of Technical Services

Potolovskii, L. and Prozumentik, M.
THE GASEOUS CRACKING-BENZENE. [1962] [9]p.
3 refs.
Order from OTS or SLA \$1.10 63-10695

Trans. of Azerbaidzhanskoe Neftyanoe Khozaystvo
(USSR) 1934 [v. 14] no. 1, p. 60-62.

DESCRIPTORS: *Benzenes, *Gases, Decomposition,
Adsorption, Distillation, Hydrocarbons, Production,
Chemical engineering.

(Engineering--Chemical, TT, v. 9, no. 12)

63-10695

I. Potolovskii, L.
II. Prozumentik, M.

Office of Technical Services

Potolovskii, L. and Gutirya, V.
METHODS OF CHEMICAL TREATMENT OF PETRO-
LEUM GASES. [1962] [20]p. (figs. omitted) 65 refs.
Order from OTS or SLA \$1.60 63-10409

Trans. of Azerbaidzhanskoe Neftyanoe Khozyaistvo
(USSR) 1934, v. 14 [no. 5] p. 62-69.

DESCRIPTORS: *Petroleum, *Gases, *Hydrocarbons,
*Pyrolysis, *Decomposition, Oxidation, Polymerization,
Distillation, Absorption, Reagents, Chlorine, Sulfuric
acid, Alcohols.

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Office of Technical Services

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PREPARATION OF ACIDS BY OXIDATION OF A
WIDE FRACTION OF SURAKHANY MAZUT, I. [1961]
13p. 6 refs.
Order from OTS or SLA \$1.60 61-18147

Condensed trans. of Azerbaidzhanskoe Neftyanoe
Khozyaistvo (USSR) 1934, no. 10, p. 77-82.

DESCRIPTORS: Petroleum, Fractionation, Oxidation,
Acids, Synthesis.

(Unannounced)

61-18147

I. Likhushin, K. P.
II. Masumyan, V.
III. Levkopulo, N.

Office of Technical Services

Fürst, L.
PRODUCTION OF VASELINE FROM PETROLATUM.
COMMENTS ON THE ARTICLE BY TOKMANOV AND
RODZAEVSKAYA. 6p. 4 refs. MTWL: 274.
Order from OTS or ETC \$1.55 61-17989

Trans. of Azerbaidzhanskoe Neftyanoe Khozyaistvo
(USSR) 1934, v. 14, no. 11-12, p. 113-114.

DESCRIPTORS: Aliphatic compounds, Sulfuric acid,
Tests, *Mineral oils, *Purification.

61-17989

- I. Fürst, L.
- II. MTWL-274
- III. Stichting Moelijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

63-10408

Rozinkina, K.
FLASH VAPORIZATION CURVES FOR GROZNY OILS
AND THEIR DISTILLATION PRODUCTS. [1962] 11p.
3 refs.

Order from OTS or SLA \$1.60 63-10408

Trans. of Azerbaidzhanakoe Neftyanoe Khozaystvo
(USSR) 1935 [v. 15] no. 1, p. 93-99.

DESCRIPTORS: *Oils, *Petroleum, *Gasoline,
*Naphtha, *Kerosene, *Vaporization, Distillation,
Test methods.

(Engineering--Chemical, TT, v. 10, no. 5)

I. Rozinkina, K.

Office of Technical Services

61-18125

Dobryanskii, A. F. and Tikhonov-Dubrovskii, N. T.
QUANTITATIVE DETERMINATION OF AROMATICS
IN GASOLINES COMPOSED OF SATURATED
HYDROCARBONS. [1961] 4p. 1 ref.
Order from OTS or SLA \$1.10

61-18125

Trans. of Azerbaidzhanskoe Neftyanoe Khozyaistvo
(USSR) 1935, no. 5, p. 84-86.

DESCRIPTORS: Gasoline, Quantitative analysis,
Hydrocarbons, Monocyclic compounds, Benzenes,
Toluenes, Xylenes.

I. Dobryanskii, A. F.
II. Tikhonov-Dubrovskii, N. T.

Office of Technical Services

61-18146

Brazhnikov, V. T.
EXPERIENCE IN ALKALI TREATING AT THE
GOR'KII OIL REFINERY. [1961] 4p. 2 refs.
Order from OTS or SLA \$1.10 61-18146

Condensed trans. of Azerbaidzhanskoe Neftyanoe
Khozyaistvo (USSR) 1935, no. 5, p. 91-94.

DESCRIPTORS: *Oil, Refineries, Kerosene,
*Processing, Petroleum.

(Unannounced)

I. Brazhnikov, V. T.

Office of Technical Services

61-18158

Gurvich, G. B.
PREPARATION OF NAPHTHENIC ACIDS BY DECOM-
POSITION OF ALKALINE SLUDGE WITH SULFUR
DIOXIDE. [1961] 5p.
Order from OTS or SLA \$1.10

61-18158

Trans. of Azerbaidzhanskoe Neftyanoe Khozyaistvo
(USSR) 1935, no. 5, p. 103-105 (some sections
summarized).

DESCRIPTORS: Naphthenic acids, Acids, Synthesis,
Chemical waste, Decomposition, Sulfur compounds,
Dioxides, Chemical reactions.

I. Gurvich, G. B.

Office of Technical Services

(Unannounced)

TT-61-16690

Gerr, V. F. and Kudinov, A. V.
PYROLYSIS OF GAS OIL OF DIFFERENT FRAC-
TIONAL COMPOSITION AND ORIGIN. 9p 3refs.
Order from OTS, SLA, or ETC \$1.10 TT-61-16690

Trans. of Azerbaidzhanakoe Neftyanoe Khozyaistvo
(USSR) 1985 [v. 15] no. 7/8, p. 119-125.

I. Gerr, V. F.
II. Kudinov, A. V.

(Materials--Fuels, TT, v. 12, no. 4)

Office of Technical Services

Potolovskii, L. and Vimberg, A.
DIOLEFINS WITH CONJUGATED DOUBLE BONDS IN
THE TOP FRACTION OF LIGHT OIL FROM
PYROLYSIS OF GAS OIL. 16p 47refs.
Order from OTS, SLA, or ETC \$1.60 TT-61-18055

Trans. of Azerbaidzhan. Neftyanoe Khozjalstvo
(USSR) 1936 [v. 16] no. 2/3, p. 90-100.

TT-61-18055

I. Potolovskii, L.
II. Vimberg, A.

(Materials--Fuels, TT, v 12, no. 4)

Office of Technical Services

Abezgaug, I. M.
METHOD FOR THE DETERMINATION OF THE CON-
TENT OF SOLID HYDROCARBONS IN PETROLATUM.
p. MTWL: 272.
Order from OTS or ETC: S1,85

61-17987

ans. of Azerbaidzhanskoe Neftyanoe Khozyaistvo
(SSR) 1938, v. 18, no. 4, p. 49-53.

SCRIPTORS: Mineral oils, *Hydrocarbons, Solids,
etermination, Solutions.

61-17987

- I. Abezgaug, I. M.
- II. MTWL-272
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

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Office of Technical Services

Heat-Treatment of Petroleum Strata Aimed at
Increasing the Petroleum Output, by B. B. Lapuk, 18 pp.

RUSSIAN, per, Azerbaydzhan Neftyanoe Khoz, Vol XII,
1939, pp 10-15.

SLA Tr R-829

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54,474

TT-61-16856

Potolovskii, L. and Atla'yan, A.
COMPARISON OF REFINING LIGHT OIL WITH SULFU-
RIC ACID TO REFINING WITH ALUMINUM CHLORIDE
AND SULFURIC ACID, VI. 7p.
Order from OTS, SLA, or ETC \$1.10 TT-61-16856

I. Potolovskii, L.
II. Atla'yan, A.

Trans. of Azerbaidzhanakoe Neftyanoe Khozayaistvo
(USSR) 1959, v. 19, no. 10/11, p. 55-60.

(Materials--Fuels, TT, v. 12, no. 4)

Office of Technical Services

Nagiev, M. F.
CALCULATION OF CRACKING OF HEAVY OIL
PRODUCTS. [1961] 10p. 1 ref.
Order from OTS or SLA \$1.10

61-18106

Trans. of Azerbaidzhanskoe Neftyanoe Khozyaistvo
(USSR) 1939, v. 19, no. 10/11, p. 60-66.

DESCRIPTORS: *Oils, *Refineries, Lubrication,
*Gasoline, Processing, *Decomposition,
*Hydrocarbons.

(Unannounced)

61-18106

I. Nagiev, M. F.

Office of Technical Services

61-20469

AZERBAIDZHAN OIL INDUSTRY, 1939, VOL. 19,
NO. 12: [TABLE OF CONTENTS] AND SELECTED
ABSTRACTS. [1961] 13p. 2 refs.
Order from OTS or SLA \$1.60

61-20469

Abstract trans. of Azerbaidzhanskoe Neftyanoe
Khozyaistvo (USSR) 1939, v. 19, no. 12, p. 31-42.

DESCRIPTORS: Oils, Industry, Petroleum industry,
Abstracting, Periodicals, Indexes, Gasoline,
Processing, Copper compounds, Chlorides, Chemical
reactions, Petroleum, Hydrocarbons, Decomposition,
Fractionation, Vacuum systems.

Contents:

Refining of kaku gasolines with copper chloride, by

A. L. Khalif and L. B. Samoilov

Calculation of cracking of heavy oil products, II., by

M. F. Nagev

(Unannounced)

(over)

Office of Technical Services

61-16868

Shenderova, M.
SUBSTITUTION OF CAUSTIC SODA [FOR ALKALI
TREATMENT OF OIL DISTILLATES]. [1961] 5p.
5 refs.

Order from OTS or SLA \$1.10 61-16868

Trans. of Azerbaidzhanskoe Neftyanoe Khozayaistvo
(USSR) 1940, v. 20, no. 2/3, p. 62-66.

DESCRIPTORS: *Kerosene, *Sodium compounds,
*Hydroxides.

In alkali treatment of pyrolyzed products and pressure
distillate calcined soda, well brine, lime-treated
brine, ammonia and magnesium hydroxide all gave re-
sults similar to those produced by caustic soda. The
following results were obtained in alkali treatment of
illuminating kerosene: (a) with calcined soda the dis-
tillate is not completely neutralized and an additional
treatment with caustic soda is required; (b) the natural
(Materials--Puels. TT, v. 6, no. 8) (over)

I. Shenderova, M.

005115

Office of Technical Services

01-20467

AZERBAIDZHAN OIL INDUSTRY, 1940, VOL. 20,
NO. 6: [TABLE OF CONTENTS] AND SELECTED
ABSTRACTS. [1961] 6p.
Order from OTS or SLA \$1.10 01-20467

Abstract trans. of Azerbaidzhanское Neftyanoe
Khozyaistvo (USSR) 1940, v. 20, no. 6, p. 3-4 and
42-47.

DESCRIPTORS: *Oils, *Petroleum industry, Abstract-
ing, Drills, Drilling machines, Clays, *Vaporization.

Contents:

Lagging in drilling should be eliminated, by
Gasan-Zade

Use of spent clay for repeated contacting, by
R. A. Kadanovskaya

Calculation of flash vaporization in a system with
superheated steam, by B. P. Voinov.

(Engineering--Chemical, TT, v.
NO. 7) Office of Technical Services

AZ NEFT KHOZ

Vol XXVI, No 10, 1947,
1 $\frac{1}{4}$ pp

"Outlook on Oil Capacity of the Monoclinial Fold Along the
Caspian Sea"

A. M. Polaudin

translated by RDB
copy in file safe

RT-1536
↑
copy in CSI

59T84

/The Use of Microorganisms to Break Down
Naphthenic Acids and Naphthenic Hydrocarbons, by
L. K. Danitskaya, 12 pp.

RUSSIAN, per, Azerbaydzhanskoye Neft Khoz, Vol XXVI,
No 5, 1948, pp 23-26.

SIA 59-15057

Sci - Chem
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Vol 2, No 2

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63-10692

Wischetrawsky, C.
AMERICAN, BAKU AND GROZNY PETROLEUM
EMULSIONS, tr. by S. Berkman. [1962] [80]p.
Order from OTS or SLA \$7.60 63-10692

Trans. of Azerbaidzhanakoe Neftyanoe Khozjalstvo
(USSR) [1953?] no. 8/9, p. 92ff and no. 10, p. 94ff.

DESCRIPTORS: *Petroleum, *Colloids, *Chemical
precipitation, Dehydration, Electrodialysis, Water,
Minerals.

(Engineering--Chemical, TT, v. 10, no. 10)

I. Wischetrawsky, C.

Office of Technical Services

Determination of Soil Corrosion Characteristics for
the Protection of Underground Installations, by
G. A. Afifskverdiyev, 13 pp.

RUSSIAN, per: Azer Neft Khoz USSR, No 2, 1956,
pp 18-22.

SLA 59-17246

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Jan 60
Vol 2, No 7

104,691

Some Relationships in the Burning of Coke,
Deposited on Finely Divided Silica-Alumina
Catalyst, in a Stationary Fluidized Bed, by
V. S. Aliyev, et al.

RUSSIAN, per, Azerbaidzhan Neftyanoe Khoz, No 10,
1956, pp 27-31.

ATS RJ-1106

Sci - Chem
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